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| Form PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DKT. NO. 843.43364X00 | SERIAL NO. |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | APPLICANT EGAWA, et al. | |
| | | FILING DATE December 24, 2003 | GROUP |

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date |
|------------------|-----------------|------------|------------------|-------|----------|-------------|
| <i>DAW</i> | AA 6,215,165 | 04/10/2001 | CONNOLLY, et al. | 257 | 437 | 05/12/1999 |
| | AB | | | | | |
| | AC | | | | | |
| | AD | | | | | |
| | AE | | | | | |
| | AF | | | | | |
| | AG | | | | | |
| | AH | | | | | |
| | AI | | | | | |
| | AJ | | | | | |
| | AK | | | | | |
| | AL | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Abstract | |
|------------------|-----------------|------------|---------|-------|----------|----------|----|
| | | | | | | Yes | No |
| <i>DAW</i> | AM 10-326341 | 12/08/1998 | JP | G06T | 1/00 | X | |
| <i>S</i> | AN 10-308507 | 11/17/1998 | JP | H01L | 27/146 | X | |
| | AO | | | | | | |
| | AP | | | | | | |
| | AQ | | | | | | |
| | AR | | | | | | |
| | AS | | | | | | |
| | AT | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|----|---|
| <i>DAW</i> | AU | "CCD Camera Technologies", December 15, 1997, Corona Publishing Co., Ltd., pgs. 37-41 |
| | AV | "Technology Review of Charge-Coupled Device and CMOS Based Electric Imagers", November 21, 2001 |
| | AW | |
| | AX | |
| | AY | |
| | AZ | |
| Examiner <i>Douglas Will</i> | | Date Considered <i>24 Mar 05</i> |